

WHAT IS CLAIMED IS:

1. A liquid sample cup, comprising:
  - a rigid outer substantially annular shell defining an open top, a bottom, an inside and an outside;
  - a substantially annular inner liner disposed within the outer shell and having an open top, a bottom having a flow aperture therein, an inside and an outside, the inner liner defining a sample chamber therein, the cooperation of the inside of the outer shell and the outside of the inner liner defining a test chamber;
  - a plug configured to selectively fluidly seal the flow aperture in the inner liner; and
  - a seal cap configured to seal the outer shell open top.
2. The liquid sample cup of Claim 1, wherein the seal cap has an access hole formed therein.
3. The liquid sample cup of Claim 1, further comprising a screw-on cap configured to seal the open top of the outer shell.
4. The liquid sample cup of Claim 1, wherein the plug extends from the bottom of the outer shell inwardly such that it sealingly engages the flow aperture.
5. The liquid sample cup of Claim 4, wherein the plug is configured to be displaced from a sealing engagement by manual displacement.
6. The liquid sample cup of Claim 4, wherein the plug is configured to be displaced from a sealing engagement by an interaction with a removable bottom cap.
7. The liquid sample cup of Claim 4, wherein the plug is configured to be displaced from a sealing engagement by an external tool.
8. The liquid sample cup of Claim 1, further comprising one or more data test strips located within the test chamber.
9. A liquid sample cup comprising a generally annular outer shell, a generally annular inner liner having an interior defining a sample chamber and carried by the outer shell and having a portion spaced inwardly therefrom such that a test chamber is formed

between the outer shell and the inner liner, and a data test strip located within the test chamber.

10. The sample cup of Claim 9, wherein the sample chamber is in selective fluid communication with the test chamber.

11. The sample cup of Claim 10, wherein the inner liner incorporates a valve configured to allow selective communication between the interior of the inner liner and the cavity.

12. The sample cup of Claim 11, wherein the valve comprises a plug seat formed in the inner liner.

13. The sample cup of Claim 12, further comprising a plug formed on the bottom of the outer shell and configured to provide a fluid tight seal between the sample chamber and the test chamber when engaged with the plug seat.

14. The sample cup of Claim 13, further comprising a bottom cap configured to engage the plug and selectively displace the plug from the plug seat, thereby allowing fluid communication between the sample chamber and the test chamber.

15. The sample cup of Claim 14, wherein the bottom cap is threadably engaged with the outer shell and is configured such that an unscrewing of the bottom cap from the outer shell displaces the plug from the plug seat.

16. The sample cup of Claim 15, wherein the bottom cap includes a projection configured to mate with a cooperating impression in the plug.

17. The sample cup of Claim 13, wherein the plug is configured to be displaced from the plug seat by manual actuation.

18. The sample cup of Claim 13, wherein the plug is configured to be displaced from the plug seat by an external tool.